

ACT Profile Report - State

Graduating Class 2009
Indiana



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This report provides information about the performance of your 2009 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2009 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Further, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

The ACT is a curriculum-based measure of college readiness. ACT components include:

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

The ACT:

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

28% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 17,321 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY: Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 78% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 3% of the cohort took less than three years of math courses. Of these students, 9% were college ready. 16% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 13% of these students were college ready. In comparison, 64% of the students who advanced beyond minimum math core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 16% of the cohort took less than three years of natural science courses. 25% of these students were college ready. In comparison, 35% of students who took at least three years of science coursework were college ready.

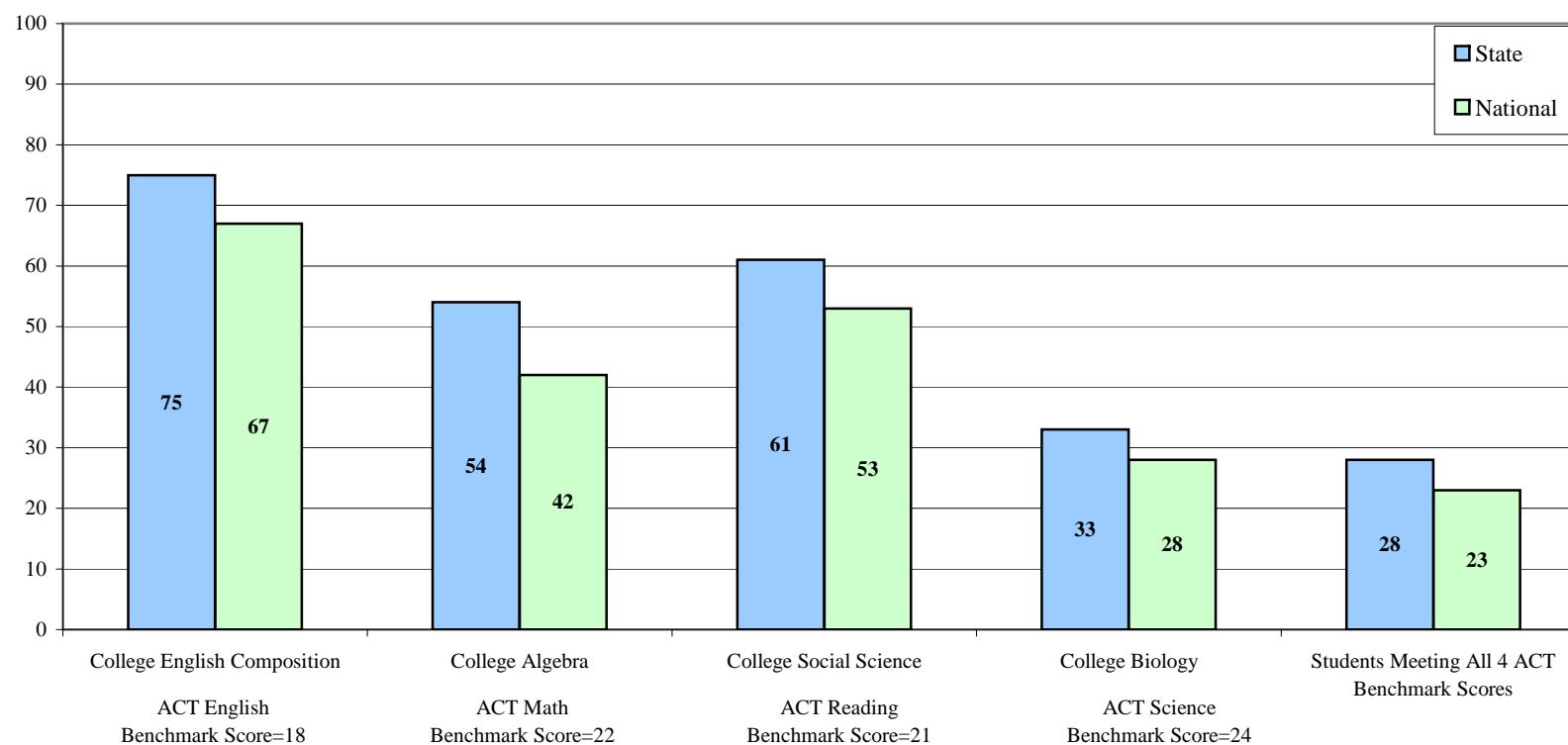
EVALUATING RIGOR OF COURSES: Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 35% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 847-634-2560.

Section I

Executive Summary

Figure 1.1. Percent of Your Students Ready for College-Level Coursework

A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks

Year	Number of Students Tested		Percent Meeting Benchmarks									
	State	National	English		Mathematics		Reading		Science		Meeting All Four	
			State	National	State	National	State	National	State	National	State	National
2005	13,231	1,186,251	73	68	47	41	58	51	30	26	25	21
2006	13,237	1,206,455	72	69	48	42	57	53	30	27	24	21
2007	14,257	1,300,599	74	69	51	43	59	53	32	28	28	23
2008	15,884	1,421,941	74	68	52	43	60	53	32	28	28	22
2009	17,321	1,480,469	75	67	54	42	61	53	33	28	28	23

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
	State	National	English		Mathematics		Reading		Science		Composite	
			State	National	State	National	State	National	State	National	State	National
2005	13,231	1,186,251	21.2	20.4	21.5	20.7	22.2	21.3	21.4	20.9	21.7	20.9
2006	13,237	1,206,455	21.1	20.6	21.6	20.8	22.2	21.4	21.4	20.9	21.7	21.1
2007	14,257	1,300,599	21.5	20.7	22.0	21.0	22.5	21.5	21.7	21.0	22.0	21.2
2008	15,884	1,421,941	21.4	20.6	22.2	21.0	22.5	21.4	21.5	20.8	22.0	21.1
2009	17,321	1,480,469	21.6	20.6	22.4	21.0	22.6	21.4	21.6	20.9	22.2	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested		Average ACT Scores					
	State	National	English	Mathematics	Reading	Science	Composite	
			State	National	State	National	State	National
2005	1,186,251		20.4	20.7	21.3	20.9	20.9	
2006	1,206,455		20.6	20.8	21.4	20.9	21.1	
2007	1,300,599		20.7	21.0	21.5	21.0	21.2	
2008	1,421,941		20.6	21.0	21.4	20.8	21.1	
2009	1,480,469		20.6	21.0	21.4	20.9	21.1	

Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation

Year	Number of Students Tested		Percent ²		English		Mathematics		Reading		Science		Composite	
	Core or More ¹	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2005	7,603	4,083	57	31	21.9	20.0	22.3	20.3	22.8	21.2	22.0	20.5	22.4	20.6
2006	7,376	4,130	56	31	21.7	20.1	22.2	20.5	22.7	21.3	21.9	20.5	22.3	20.7
2007	7,710	4,426	54	31	22.0	20.6	22.6	21.0	22.9	21.8	22.2	20.8	22.5	21.2
2008	10,573	4,033	67	25	21.9	20.3	22.7	21.1	22.9	21.7	21.9	20.6	22.5	21.1
2009	13,565	3,498	78	20	22.0	20.5	22.8	21.0	22.9	21.5	22.0	20.5	22.5	21.0

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

	2005			2006			2007			2008			2009		
	N	%	Avg												
All Students	13,231	100	21.7	13,237	100	21.7	14,257	100	22.0	15,884	100	22.0	17,321	100	22.2
African American/Black	1,257	10	17.2	1,326	10	17.3	1,394	10	17.3	1,561	10	17.4	1,787	10	17.6
American Indian/Alaska Native	40	0	20.9	35	0	21.3	37	0	23.4	40	0	21.8	53	0	21.1
Caucasian American/White	10,377	78	22.2	9,823	74	22.2	10,171	71	22.5	11,940	75	22.6	13,526	78	22.8
Hispanic	299	2	19.2	312	2	19.7	354	2	19.9	456	3	19.7	531	3	19.7
Asian American/Pacific Islander	257	2	23.7	235	2	24.1	238	2	24.2	323	2	24.5	369	2	25.0
Other/No Response	1,001	8	22.3	1,506	11	22.1	2,063	14	22.8	1,564	10	22.8	1,055	6	22.6

Section II

Academic Achievement

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	74	100	82	100	206	100	58	100	16	100	36
35	192	100	131	100	118	99	90	100	58	100	35
34	305	98	210	99	280	98	130	99	96	100	34
33	237	97	247	98	475	97	132	98	172	99	33
32	289	95	258	96	435	94	140	98	247	98	32
31	307	94	308	95	554	91	241	97	347	97	31
30	402	92	310	93	734	88	293	95	453	95	30
29	436	90	594	91	541	84	356	94	537	92	29
28	603	87	778	88	702	81	419	92	683	89	28
27	636	84	843	83	656	77	524	89	811	85	27
26	754	80	1,149	78	714	73	761	86	955	80	26
25	1,073	76	1,185	72	743	69	1,435	82	1,110	75	25
24	988	69	1,268	65	1,044	64	1,102	74	1,226	68	24
23	1,103	64	1,048	57	1,063	58	1,311	67	1,221	61	23
22	1,212	57	871	51	1,009	52	1,490	60	1,260	54	22
21	1,294	50	1,078	46	1,271	46	1,470	51	1,327	47	21
20	1,189	43	857	40	994	39	1,827	43	1,313	39	20
19	1,025	36	1,058	35	1,167	33	1,411	32	1,229	32	19
18	794	30	1,041	29	691	27	1,124	24	1,060	25	18
17	827	25	1,362	23	896	23	664	17	941	18	17
16	875	21	1,455	15	848	17	663	14	834	13	16
15	805	16	782	7	619	13	418	10	577	8	15
14	461	11	305	2	624	9	401	7	396	5	14
13	401	8	70	1	383	5	321	5	261	3	13
12	316	6	21	1	266	3	212	3	134	1	12
11	264	4	6	1	168	2	161	2	39	1	11
10	211	3	3	1	62	1	82	1	16	1	10
9	141	1	0	1	34	1	59	1	2	1	9
8	72	1	0	1	15	1	16	1	0	1	8
7	25	1	0	1	5	1	3	1	0	1	7
6	9	1	1	1	1	1	4	1	0	1	6
5	0	1	0	1	2	1	3	1	0	1	5
4	0	1	0	1	1	1	0	1	0	1	4
3	1	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	21.6 (5.9)		22.4 (5.2)		22.6 (6.0)		21.6 (4.9)		22.2 (4.9)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subtest Score Averages

ACT Scale Score	English				Reading				Mathematics								ACT Scale Score	
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry					
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP		
18	785	100	245	100	710	100	912	100	925	100	226	100	196	100	18			
17	839	95	202	99	700	96	793	95	1,293	95	311	99	117	99	17			
16	916	91	891	97	1,070	92	1,593	90	1,020	87	525	97	751	98	16			
15	1,007	85	1,202	92	1,229	86	1,672	81	1,448	81	666	94	1,098	94	15			
14	1,049	80	1,454	85	1,275	79	1,581	71	1,447	73	2,245	90	1,608	88	14			
13	1,292	73	1,561	77	1,414	71	908	62	1,433	65	1,609	77	2,322	78	13			
12	1,562	66	2,188	68	1,622	63	1,517	57	1,788	56	2,214	68	1,598	65	12			
11	1,618	57	2,001	55	1,698	54	1,828	48	1,647	46	2,210	55	2,074	56	11			
10	1,936	48	2,276	44	1,790	44	1,372	38	1,514	36	3,013	42	2,308	44	10			
9	1,761	36	1,669	31	1,975	34	1,160	30	1,335	28	1,795	25	1,917	30	9			
8	1,272	26	1,463	21	1,588	22	1,328	23	1,600	20	1,195	14	1,372	19	8			
7	1,196	19	928	13	1,107	13	959	15	1,305	11	635	8	734	11	7			
6	903	12	469	7	610	7	725	10	420	3	230	4	529	7	6			
5	567	7	393	4	287	3	606	6	94	1	265	3	331	4	5			
4	398	4	270	2	120	1	239	2	39	1	87	1	179	2	4			
3	163	1	94	1	82	1	78	1	6	1	69	1	121	1	3			
2	53	1	14	1	39	1	49	1	5	1	16	1	35	1	2			
1	4	1	1	1	5	1	1	1	2	1	10	1	31	1	1			
Avg (SD)	11.0 (3.7)		11.0 (3.1)		11.4 (3.4)		11.7 (3.8)		12.0 (3.4)		11.2 (2.8)		11.0 (3.0)		Avg (SD)			

¹CP is the cumulative percent of students at or below a score point.

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	25	26	27	25	26
Q2 (50th Percentile)	21	22	22	21	22
Q1 (25th Percentile)	17	18	18	19	19

Table 2.4. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score Core or More	Average ACT Composite Score Less Than Core
State	All Students	17,321	78	22.5	21.0
	African American/Black	1,787	72	17.8	17.3
	American Indian/Alaska Native	53	66	21.6	19.8
	Caucasian American/White	13,526	79	23.1	21.6
	Hispanic	531	70	20.3	19.1
	Asian American/Pacific Islander	369	88	25.4	22.3
	Other/No Response	1,055	77	23.1	21.3
National	All Students	1,480,469	70	22.0	19.1
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.6	22.4	22.6	21.6	22.2
	African American/Black	16.7	17.9	17.6	17.6	17.6
	American Indian/Alaska Native	20.6	20.3	22.0	20.5	21.1
	Caucasian American/White	22.3	22.9	23.2	22.1	22.8
	Hispanic	18.9	20.0	20.1	19.4	19.7
	Asian American/Pacific Islander	24.6	26.3	24.3	24.4	25.0
	Other/No Response	22.1	23.0	22.9	22.0	22.6
National	All Students	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	808	5	670	4	1,079	6	410	2
	28 to 32	2,037	12	2,248	13	2,966	17	1,449	8
	24 to 27	3,451	20	4,445	26	3,157	18	3,822	22
	20 to 23	4,798	28	3,854	22	4,337	25	6,098	35
	16 to 19	3,521	20	4,916	28	3,602	21	3,862	22
	13 to 15	1,667	10	1,157	7	1,626	9	1,140	7
	01 to 12	1,039	6	31	0	554	3	540	3
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	7,510	43	21.4	23.3	22.6	22.3	22.5
	Females	9,766	56	21.8	21.7	22.5	21.0	21.9
	Missing	45	0	22.7	23.4	24.6	22.8	23.5
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students					Meet All Four
		English	Mathematics	Reading	Science	All Four	
State	Males	73	60	61	39	33	
	Females	76	49	61	28	24	
National	Males	65	47	52	33	27	
	Females	69	38	53	24	20	

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ³	Avg
State	Core or More ²	13,565	77	22.0	57	22.8	63	22.9	35	22.0	30	22.5
	Less than Core	3,498	67	20.5	44	21.0	54	21.5	24	20.5	20	21.0
	Missing	258	42	16.7	22	18.4	31	18.3	11	18.2	8	18.0
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

¹"Curriculum Taken" reflects overall high school curriculum in this table.²"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.³Composite CRB% results reflect students who meet all four subject-area benchmarks.**Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum**

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More	16,736	75	21.8	16,650	55	22.6	16,514	62	22.7	14,326	35	21.9
	Less than Core	358	60	19.3	436	8	16.9	570	49	20.7	2,747	25	20.6
	Missing	227	40	16.5	235	20	18.4	237	32	18.3	248	11	18.3
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

¹"Curriculum Taken" reflects content-specific curriculum in this table.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

Section III

College Readiness and the

Impact of Course Rigor

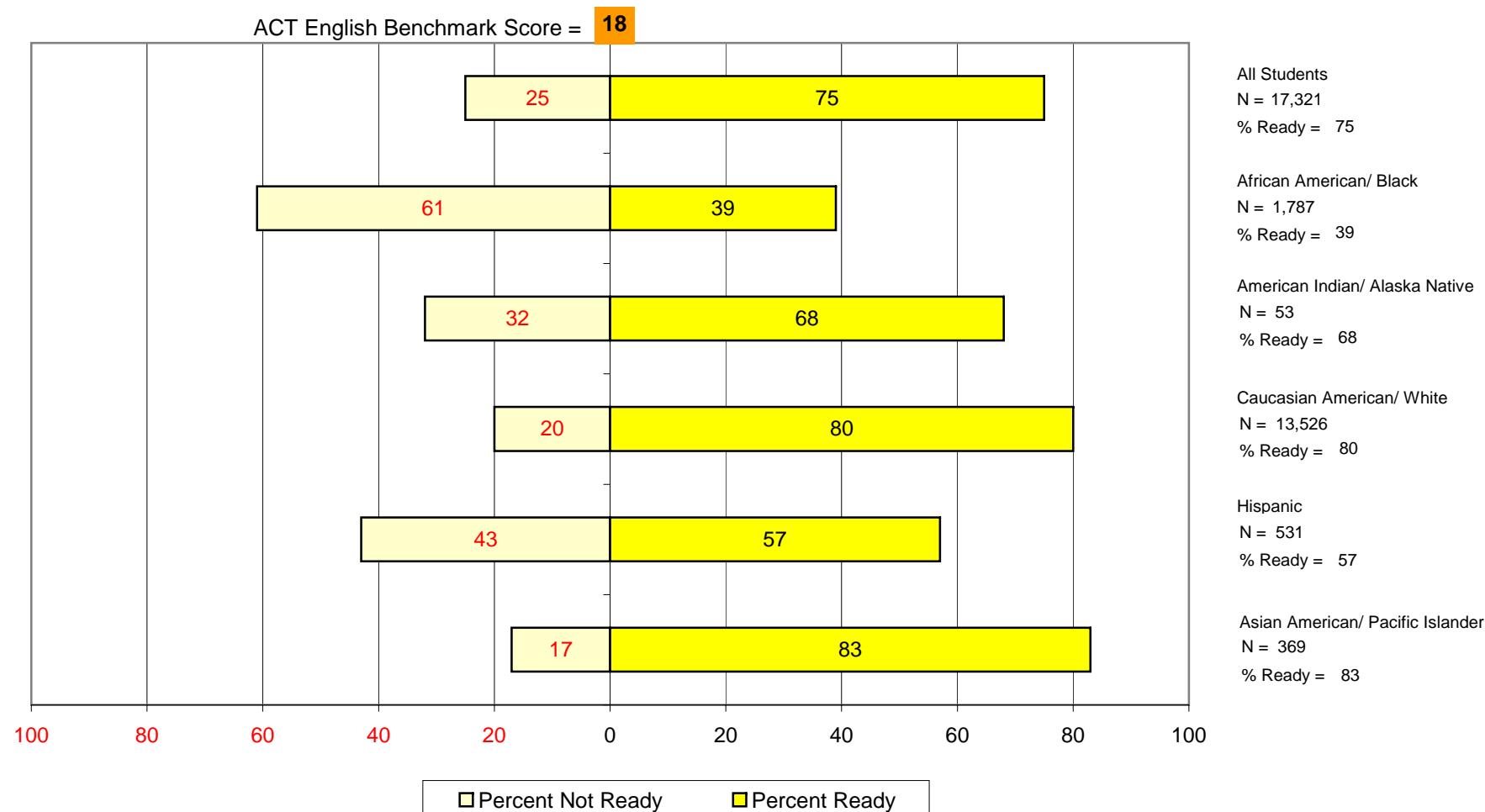
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH

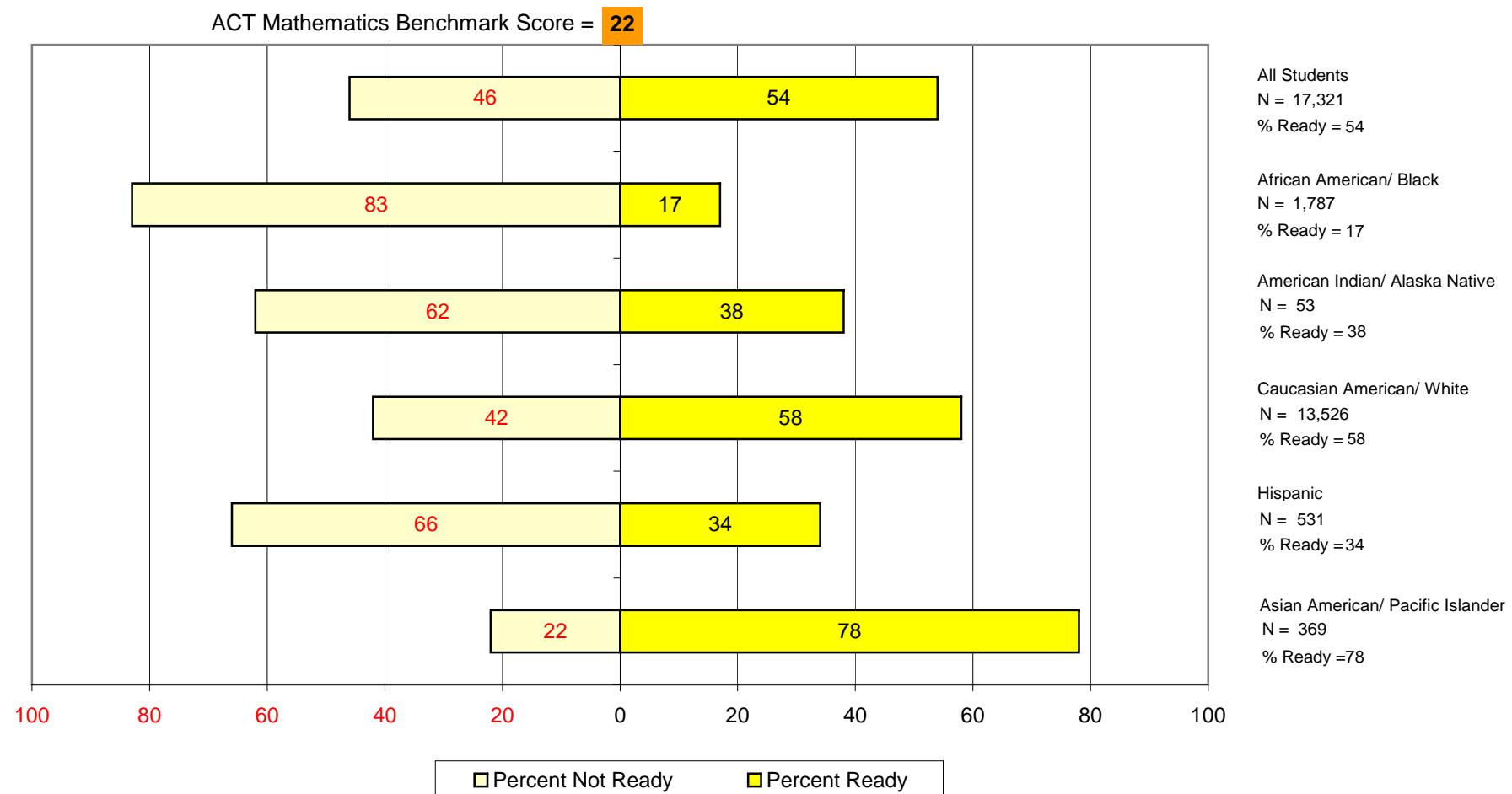
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

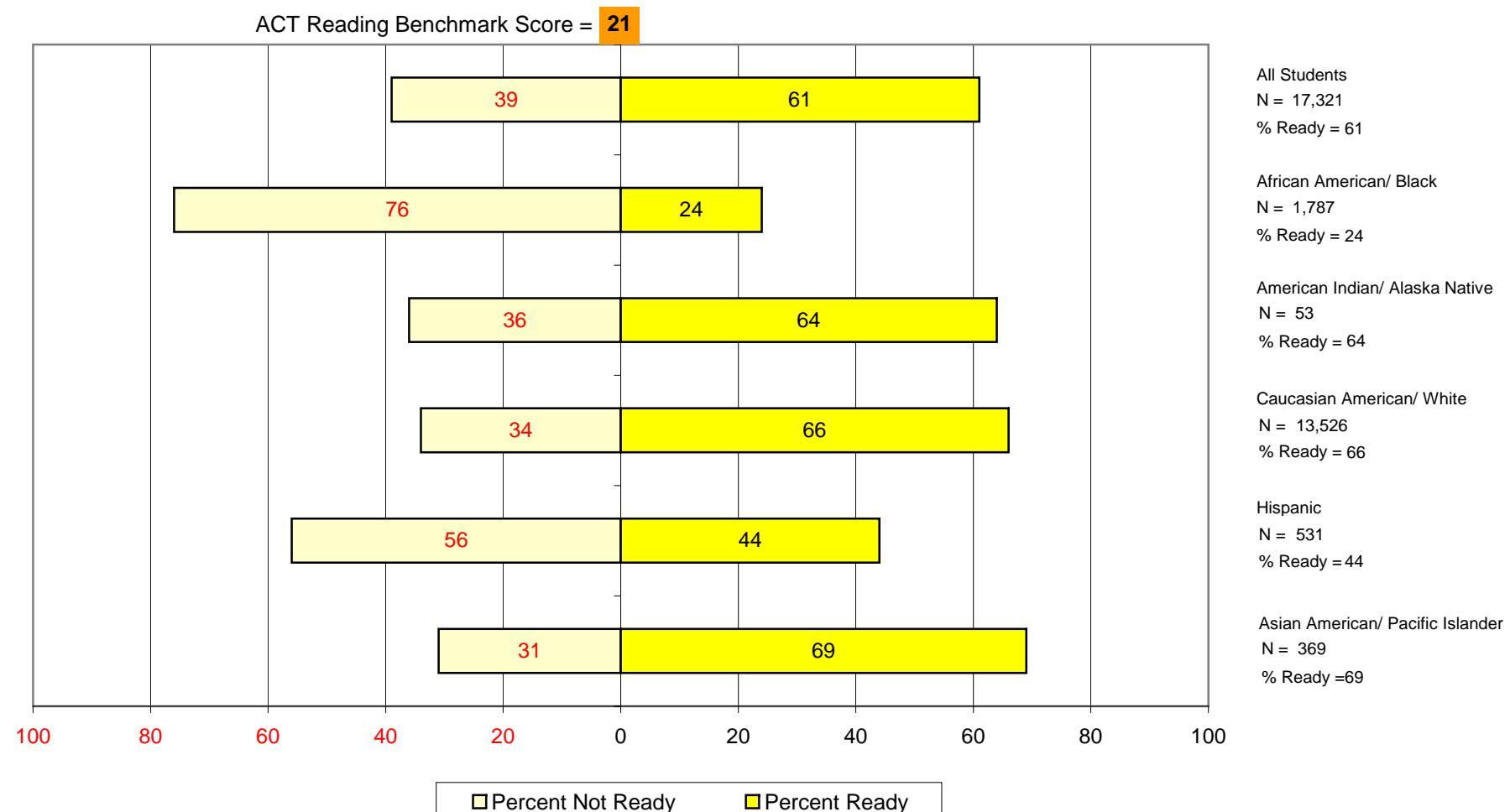
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

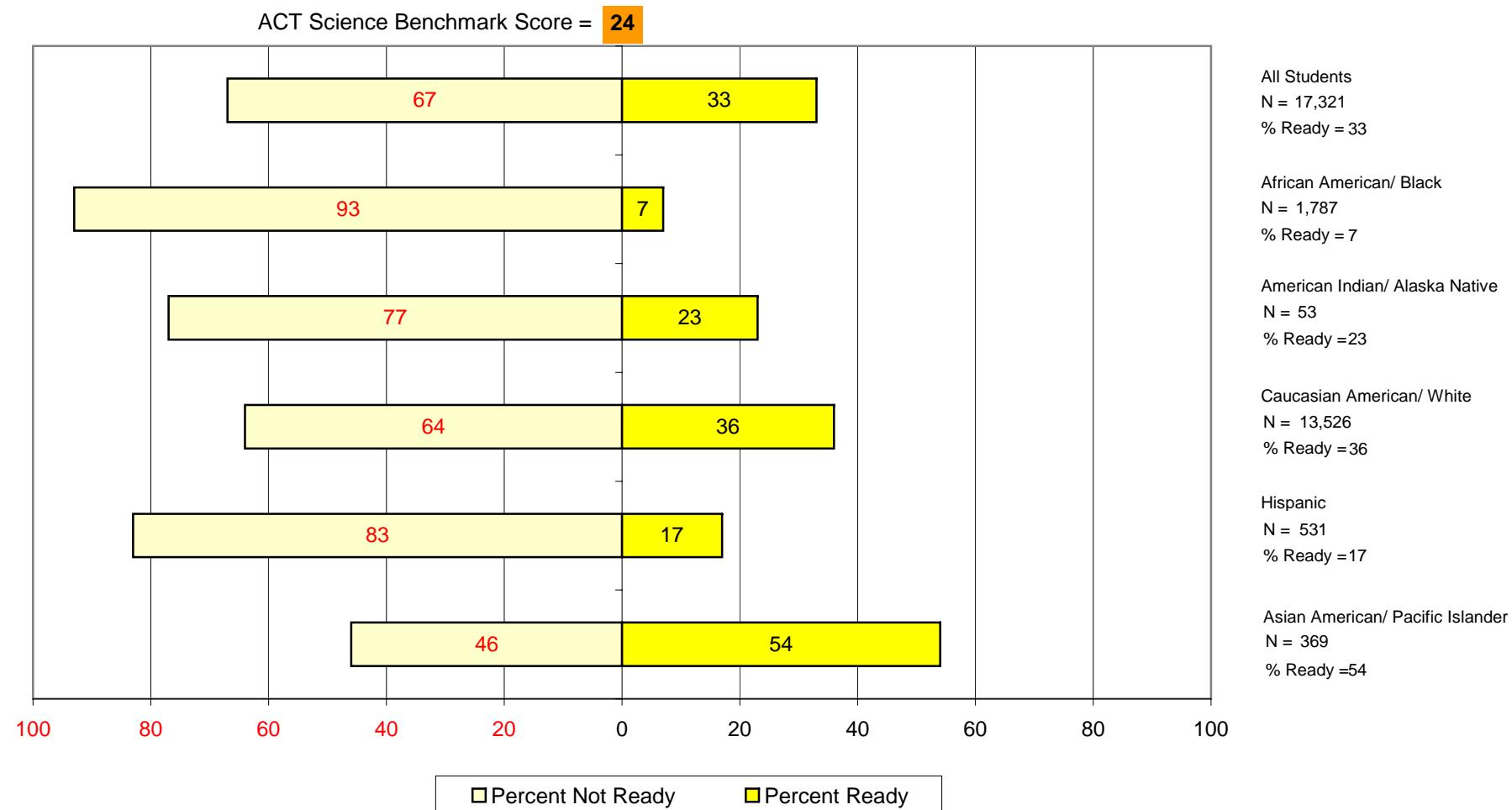
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

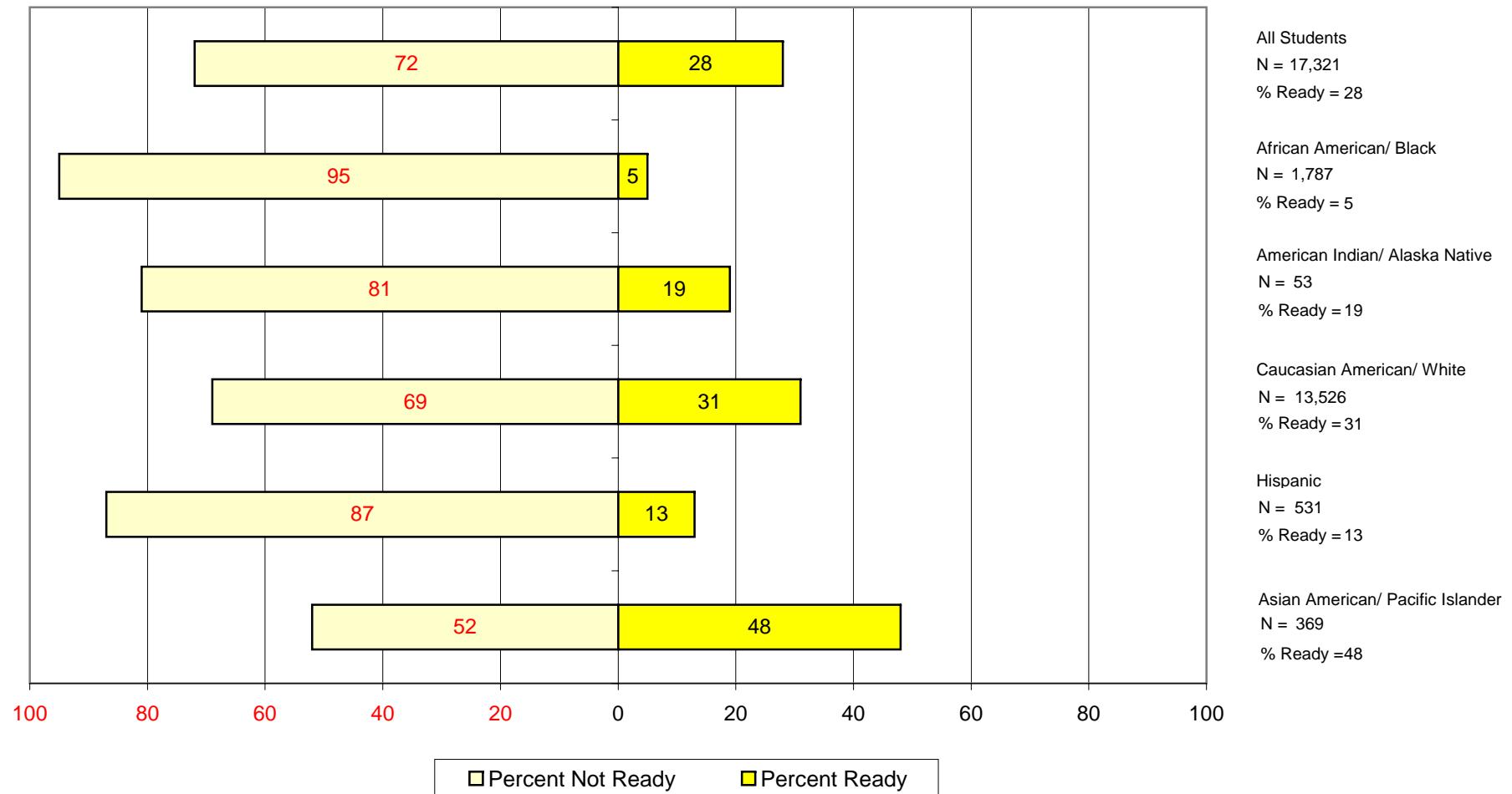
Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns

Course Pattern	All Students					Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	
ENGLISH COURSE PATTERN													
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	5,113	30	22.9	3.6	2,012	27	22.6	3.6	3,088	32	23.0	3.5	
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	11,623	67	21.3	2.0	5,238	70	21.1	2.1	6,360	65	21.4	1.9	
Less than 4 years of English	368	2	19.3	-	166	2	19.0	-	200	2	19.5	-	
No English course/grade information reported	217	1	16.4	-	94	1	15.8	-	118	1	16.7	-	
MATHEMATICS COURSE PATTERN	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹	
Alg 1, Alg 2, Geom, Trig, & Calc	1,281	7	25.9	9.0	568	8	26.9	9.4	712	7	25.1	8.6	
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,590	9	22.7	5.8	581	8	23.7	6.2	1,007	10	22.1	5.6	
Alg 1, Alg 2, Geom, & Trig	943	5	21.1	4.2	388	5	21.7	4.2	552	6	20.8	4.3	
Alg 1, Alg 2, Geom, & Other Adv Math	3,246	19	21.1	4.2	1,142	15	21.8	4.3	2,096	21	20.7	4.2	
Other comb of 4 or more years of Math	5,835	34	25.2	8.3	2,912	39	25.9	8.4	2,904	30	24.5	8.0	
Alg 1, Alg 2, & Geom (Min. Core)	2,835	16	17.8	0.9	1,169	16	18.5	1.0	1,662	17	17.4	0.9	
Other comb of 3 or 3.5 years of Math	920	5	21.9	5.0	449	6	22.0	4.5	470	5	21.8	5.3	
Less than 3 years of Math	448	3	16.9	-	202	3	17.5	-	244	2	16.5	-	
No Math course/grade information reported	223	1	18.4	-	99	1	18.4	-	119	1	18.2	-	
SOCIAL SCIENCE COURSE PATTERN	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹	
US Hist, World Hist, Am Gov, & Other Hist	80	0	25.5	4.8	42	1	25.7	5.2	37	0	25.3	4.4	
Other comb of 4 or more years Social Science	9,994	58	22.9	2.2	4,325	58	22.9	2.4	5,645	58	22.9	2.0	
US Hist, World Hist, & Am Gov (Min. Core)	190	1	20.8	0.1	97	1	20.9	0.4	92	1	20.7	-0.2	
Other comb of 3 or 3.5 years of Social Science	6,250	36	22.3	1.6	2,668	36	22.5	2.0	3,569	37	22.2	1.3	
Less than 3 years of Social Science	585	3	20.7	-	284	4	20.5	-	300	3	20.9	-	
No Soc Sci course/grade information reported	222	1	18.1	-	94	1	17.6	-	123	1	18.3	-	
NATURAL SCIENCE COURSE PATTERN	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹	
Gen Sci ² , Bio, Chem, & Phys	5,503	32	22.0	1.4	2,741	36	22.7	2.0	2,752	28	21.3	0.8	
Bio, Chem, Phys	3,706	21	23.8	3.2	1,776	24	24.8	4.1	1,917	20	22.9	2.4	
Gen Sci ² , Bio, Chem (Min. Core)	4,799	28	20.3	-0.3	1,762	23	20.5	-0.2	3,026	31	20.2	-0.3	
Other comb of 3 years of Natural Science	318	2	19.9	-0.7	165	2	21.0	0.3	153	2	18.6	-1.9	
Less than 3 years of Natural Science	2,768	16	20.6	-	967	13	20.7	-	1,795	18	20.5	-	
No Nat Sci course/grade information reported	227	1	18.1	-	99	1	18.4	-	123	1	17.7	-	

¹Course value added is defined as the average ACT score change compared to a less than core course sequence.²Includes General, Physical and Earth Sciences.

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	5,113	30	22.9	81	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	11,623	67	21.3	73	1,029,431	70	20.6	68
Less than 4 years of English	368	2	19.3	60	74,090	5	16.7	42
No English course/grade information reported	217	1	16.4	39	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	1,281	7	25.9	83	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,590	9	22.7	61	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	943	5	21.1	46	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	3,246	19	21.1	44	220,868	15	20.1	36
Other comb of 4 or more years of Math	5,835	34	25.2	77	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	2,835	16	17.8	13	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	920	5	21.9	52	70,732	5	20.1	35
Less than 3 years of Math	448	3	16.9	9	105,591	7	16.5	7
No Math course/grade information reported	223	1	18.4	20	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark
US Hist, World Hist, Am Gov, & Other Hist	80	0	25.5	76	46,754	3	22.8	61
Other comb of 4 or more years Social Science	9,994	58	22.9	63	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	190	1	20.8	46	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	6,250	36	22.3	59	420,236	28	21.3	52
Less than 3 years of Social Science	585	3	20.7	50	152,775	10	19.7	40
No Soc Sci course/grade information reported	222	1	18.1	30	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	5,503	32	22.0	37	563,824	38	22.2	39
Bio, Chem, Phys	3,706	21	23.8	51	141,531	10	23.3	47
Gen Sci ¹ , Bio, Chem (Min. Core)	4,799	28	20.3	21	459,833	31	20.1	21
Other comb of 3 years of Natural Science	318	2	19.9	20	41,353	3	19.8	21
Less than 3 years of Natural Science	2,768	16	20.6	25	233,215	16	18.4	11
No Nat Sci course/grade information reported	227	1	18.1	10	40,713	3	17.7	11

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	221	1	20.2	20	4	18.2	187	1	20.5
Architecture & Environmental Design	322	2	21.8	5	1	17.4	299	2	22.0
Business & Management	1,914	11	21.9	46	10	17.3	1,773	11	22.0
Business & Office	121	1	20.0	7	1	15.1	105	1	20.5
Marketing & Distribution	179	1	21.0	1	0	14.0	168	1	21.0
Communications & Comm. Technologies	535	3	22.1	4	1	20.8	520	3	22.2
Community & Personal Services	304	2	19.3	33	7	16.5	261	2	19.6
Computer & Information Sciences	369	2	22.2	19	4	19.1	333	2	22.4
Cross-Disciplinary Studies	20	0	23.8	0	0	.	20	0	23.8
Education	990	6	21.2	13	3	16.8	944	6	21.2
Teacher Education	541	3	20.5	6	1	16.5	509	3	20.6
Engineering	852	5	25.1	14	3	17.4	808	5	25.2
Engineering-Related Technologies	515	3	22.5	10	2	19.1	483	3	22.6
Foreign Languages	127	1	24.2	2	0	18.5	119	1	24.3
Health Sciences & Allied Health Fields	3,917	23	22.0	115	24	17.9	3,655	23	22.2
Human, Family & Consumer Science	169	1	19.6	17	4	17.9	140	1	19.9
Letters	119	1	25.2	3	1	19.3	106	1	25.3
Mathematics	104	1	25.5	1	0	19.0	94	1	25.7
Philosophy, Religion & Theology	134	1	22.9	2	0	22.0	119	1	23.0
Sciences (Biological & Physical)	1,292	7	24.8	9	2	17.3	1,231	8	24.9
Social Sciences	1,062	6	23.1	5	1	16.4	1,019	7	23.1
Trade & Industrial	113	1	19.2	42	9	17.4	65	0	20.3
Visual & Performing Arts	853	5	21.7	29	6	18.1	780	5	21.8
Undecided	2,155	12	22.1	62	13	18.0	1,883	12	22.2
No Response	393	2	18.1	6	1	16.7	55	0	20.2

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" institution types, therefore they may not add up to the N count for All Students.²Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Table 4.2. Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African American/Black		American Indian/Alaska Native		Caucasian American/White		Hispanic		Asian American/Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	58	18.2	6	16.7	0	.	46	18.6	4	16.0	0	.	2	17.0
2-yr College Degree	413	17.6	53	14.9	5	17.6	315	18.2	22	15.9	3	17.3	15	18.0
Bachelors Degree	7,752	20.9	694	16.6	20	18.9	6,389	21.4	207	18.7	71	20.8	371	20.7
Graduate Study	3,198	23.7	240	18.5	12	24.2	2,629	24.2	75	21.3	72	24.5	170	23.4
Prof. Level Degree	4,726	24.1	604	19.1	12	22.8	3,386	24.9	169	21.4	195	26.9	360	24.6
Other	236	18.9	32	16.0	1	19.0	172	19.4	9	17.7	3	24.0	19	19.2
No Response	938	21.1	158	16.1	3	23.3	589	22.2	45	18.1	25	24.2	118	22.8

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Total	Number of Students		Percent of Students in College Readiness Standards Ranges						
			1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
INDIANA UNIVERSITY BLOOMINGTON	Indiana	4,732	1,987	2,745	1	4	18	31	29	16	2
PURDUE UNIVERSITY	Indiana	4,147	1,664	2,483	0	3	15	31	30	17	3
BALL STATE UNIVERSITY	Indiana	3,591	1,165	2,426	1	7	27	34	24	8	0
INDIANA UNIV-PURDUE UNIV INDIANAPOLIS	Indiana	2,137	605	1,532	1	10	31	32	20	7	0
BUTLER UNIVERSITY	Indiana	1,382	325	1,057	1	3	14	27	34	19	2
UNIVERSITY OF SOUTHERN INDIANA	Indiana	1,268	413	855	1	8	32	35	19	5	0
INDIANA STATE UNIVERSITY	Indiana	1,222	238	984	2	14	34	30	16	3	1
UNIVERSITY OF INDIANAPOLIS	Indiana	1,049	211	838	2	10	29	32	20	7	0
UNIVERSITY OF EVANSVILLE	Indiana	684	177	507	1	5	19	33	28	13	1
INDIANA UNIV-PURDUE UNIV AT FORT WAYNE	Indiana	664	193	471	2	9	30	31	22	7	0
NCAA ELIGIBILITY CENTER	Indiana	605	314	291	2	10	27	27	24	9	0
UNIVERSITY OF NOTRE DAME	Indiana	558	166	392	0	1	4	18	33	36	7
DEPAUW UNIVERSITY	Indiana	474	87	387	0	2	10	28	35	22	3
VINCENNES UNIVERSITY	Indiana	453	116	337	5	18	39	27	10	2	0
ROSE-HULMAN INSTITUTE OF TECHNOLOGY	Indiana	393	91	302	1	1	4	20	32	36	8
INDIANA WESLEYAN UNIVERSITY	Indiana	380	129	251	0	6	20	31	30	12	1
UNIVERSITY OF LOUISVILLE	Kentucky	342	99	243	1	6	24	30	30	10	1
ANDERSON UNIVERSITY	Indiana	333	111	222	1	8	21	35	26	10	1
IVY TECH COMM COLL-CENTRAL INDIANA	Indiana	331	93	238	4	22	46	20	7	0	0
VALPARAISO UNIVERSITY	Indiana	327	56	271	1	4	18	26	30	20	2
MARIAN COLLEGE	Indiana	317	76	241	1	11	33	30	18	6	0
HANOVER COLLEGE	Indiana	301	50	251	0	4	15	33	33	14	1
MIAMI UNIVERSITY	Ohio	297	56	241	0	0	10	23	38	25	4
FRANKLIN COLLEGE	Indiana	290	68	222	1	7	25	38	21	7	1
MANCHESTER COLLEGE	Indiana	259	51	208	0	9	24	29	27	10	0
PURDUE UNIVERSITY CALUMET	Indiana	242	96	146	0	12	38	30	16	3	0
NORTHWESTERN UNIVERSITY	Illinois	238	46	192	0	0	3	12	25	47	13
UNIVERSITY OF SAINT FRANCIS-IN	Indiana	238	79	159	1	8	26	32	24	8	1
TAYLOR UNIVERSITY	Indiana	231	73	158	0	3	17	29	30	19	2
TRINE UNIVERSITY	Indiana	227	74	153	0	7	27	34	22	10	0
All Other Institutions		13,342	3,351	9,991	1	7	21	27	24	17	3
Total		41,054	12,260	28,794	1	6	22	29	25	14	2

Section V

Optional Writing Test Results

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

	N		English		Average ACT Scores			
					Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	12,141	814,713	22.1	21.5	7.0	7.2	21.2	20.8
African American/Black	1,153	96,225	17.0	16.5	6.5	6.4	16.9	16.5
American Indian/Alaska Native	36	5,489	20.8	18.9	6.9	6.7	20.1	18.5
Caucasian American/White	9,480	497,164	22.7	22.8	7.1	7.3	21.7	21.9
Hispanic	386	85,681	19.3	18.4	6.9	7.0	19.1	18.4
Asian American/Pacific Islander	296	44,716	25.4	23.5	7.7	7.6	24.2	22.8
Other/No Response	790	85,438	22.7	21.4	7.1	7.2	21.7	20.8
Males	5,122	357,025	22.0	21.1	6.8	6.9	20.8	20.3
Females	6,987	455,190	22.3	21.7	7.2	7.4	21.5	21.2
Missing	32	2,498	24.1	22.1	7.3	7.2	22.9	21.3

